

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Mark Labhart

GENERAL INFORMATION:

Name:	Kentucky Cabinet Corporation
Address:	260 American Greeting Road Corbin, KY 40701
Date application received:	August 15, 2005
SIC/Source description:	2434, Wood Kitchen Cabinets
Source ID #:	21-235-00054
Source A.I. #:	74649
Activity #:	APE20050001
Permit number:	F-05-036

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM <sub>10</sub>	17.2	17.2
VOC	< 90	229.9
Single HAPs (CAS #)		
Ethyl Benzene (100-41-4)	< 9	2.4
Formaldehyde (50-00-0)	< 9	1.6
Methanol (67-56-1)	< 9	0.1
Toluene (108-88-3)	< 9	6.7
Xylene (1330-20-7)	< 9	10.6
Source wide HAPs	< 22.5	21.4

**SOURCE DESCRIPTION:**

Kentucky Cabinet Corporation located in Corbin, Kentucky manufactures kitchen and bath cabinetry. There is woodworking associated with the process, gluing operations, and finishing. The pollutants of concern are particulate matter, VOC and HAP. Particulates from the woodworking operations will be controlled with portable dust collecting units located inside of the building. The adhesive used is a low VOC and HAP product. The majority of the VOC and HAP are emitted from 3 spray booths used for finishing operations. Potential emissions of VOC and HAP are greater than major source thresholds, but Kentucky Cabinet Corp. has requested Federally Enforceable Limits on the potential to emit.

**EMISSIONS AND OPERATING CAPS DESCRIPTIONS:**

Kentucky Cabinet Corporation has requested voluntary permit limits of less than 9.0 tons per year of individual hazardous air pollutants (HAP), less than 22.5 tons per year of combined HAPs, and less than 90 tons per year of VOC.

**OPERATIONAL FLEXIBILITY:**

The source is not restricted as to hours of operation or quantity of product produced while remaining within the caps above.